

Amendments in the claims

Claims 1 – 5. (Cancelled)

6. (Currently Amended) An optical observation instrument comprising:
at least one detachably mounted eyepiece having an intermediate image plane;
and

a device being arranged in said intermediate image plane for displaying
information relating to the adjusted instrument parameters, a current operating state and/or an
object to be observed in a visually perceptible manner,

wherein a self-illuminating LED display which is connected to control
electronics or an LCD display with background illumination which is connected to control
electronics is provided in the intermediate image plane of the eyepiece.

7. (Cancelled)

8. (Previously Presented) The optical observation instrument according to claim
6, wherein a plurality of control electronics are integrated in the eyepiece tube and are
connected by control lines and supply lines to a central operating device and supply device of
the observation instrument.

9. (Previously Presented) The optical observation instrument according to claim
6, wherein the information for the observer is perceptible in the eyepiece outside the image
field area reserved for observation of the specimen.

10. (Previously Presented) An eyepiece for optical observation instruments
comprising:

a device arranged in an intermediate image plane of said eyepiece for
displaying information in a visually perceptible manner;
said eyepiece being constructed to be detachably mounted on a microscope
and having a shape, size and fastening means in a same manner which is the same as an
eyepiece not having such a device, so that an eyepiece with such a device can be exchanged
with an eyepiece without such a device or vice versa on optical observation instrument.

11. (Previously Presented) An eyepiece for optical observation instruments comprising:

a device arranged in an intermediate image plane of said eyepiece for displaying information in a visually perceptible manner;

said eyepiece being constructed to be detachably mounted on a microscope and having a shape, size and fastening means in a same manner which is the same as an eyepiece not having such a device, so that said eyepiece with or without such a device can be exchanged with an eyepiece without such a device on optical observation instruments.